

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims. Accordingly, please amend the claims as indicated below, without prejudice:

1. (Currently amended) A ~~one-story high steel reinforced concrete~~ building block for use in the construction of buildings, comprising:

an interior wall and an exterior wall;

a hollow space formed between the interior wall and exterior wall with means for housing insulation within the hollow space;
and

an attachment means for attaching one block to another.

2. (Currently amended) The ~~exterior surface~~ building block of claim 1, wherein the exterior wall comprises an exterior surface that can be colored and stamped to achieve a variety of visual effects to satisfy the desires of ~~the~~ an end user.

3. (Currently amended) The building block of claim 1, wherein the building block ~~has the capability of being~~ is precast with at least one openings ~~capable of accommodating that is~~ configured and dimensioned to accommodate at least one of a door [or] and a window.

4. (Currently amended) ~~An alternative variation~~ The building block of claim 1, wherein the ~~interior surface is comprised of interior wall comprises a plurality of~~ shelves precast ~~upon~~ within the ~~body~~ interior wall of the building block.

5. (New) The building block of claim 1, wherein the building block is comprised of a concrete material, and wherein the interior wall and the exterior wall each comprise reinforced steel therein.

6. (New) A building block system comprising:

a plurality of building blocks;

wherein each building block comprises:

an exterior wall and an interior wall connected together by at least one side wall;

a plurality of weld plates located strategically on each building block for attaching one building block to another building block; and

at least one precast opening formed through the exterior wall and the interior wall for receiving at least one structural member therein;

wherein the attachment of at least one of the building blocks to another of the building blocks results in a completed

wall construct requiring no additional framework, material or process to form a finished wall construct.

7. (New) The building block system of claim 6, wherein each building block comprises a hollow space defined by the exterior wall, the interior wall, and the at least one side wall to receive an insulation material therein.

8. (New) The building block system of claim 6, wherein the exterior wall and the interior wall of each building block both comprise an inner surface and an outer surface and an upper portion and a lower portion; and wherein at least one weld plate is located on both the upper portion and the lower portion of the inner surface of both the exterior wall and the interior wall, such that the upper weld plate located on the inner surface of the exterior wall and the upper weld plate located on the inner surface of the interior wall of a first building block are attachable to the lower weld plate located on the inner surface of the exterior wall and the lower weld plate located on the inner surface of the interior wall of a second building block, respectively, when the second building block is stacked on top of the first building block.

9. (New) The building block system of claim 8, wherein the interior wall of the second building block comprises a top and a bottom, wherein at least one cutout is formed through the bottom of the interior wall of said second building block, thereby providing access to at least one of the weld plates located on the inner surface of one of the interior wall and the exterior wall of the building blocks once said second building block is placed on top of the first building block in order to attach said second building block to said first building block.

10. (New) The building block system of claim 6, wherein the at least one side wall of each building block comprises an inner surface, an outer surface, and a top surface; and wherein at least a first weld plate is located on the top surface of the side wall and at least a second weld plate is located on the outer surface of the side wall, such that two adjacent building blocks are attachable in a side-by-side manner.

11. (New) The building block system of claim 10, wherein the first weld plate and the second weld plate of a first building block are weldable to the first weld plate and the second weld plate of a second building block, respectively, for attaching said first building block to said second building block in a side-by-side manner.

12. (New) The building block system of claim 6, wherein a corner is formed where the at least one side wall contacts the exterior wall and the interior wall, and wherein a beveled edge is formed at each corner; and wherein two adjacent building blocks are aligned in side-by-side engagement, such that a junction is created by the engagement between adjacent beveled edges of a first building block and a second building block and a sealing material is receivable in the joint created by the two adjacent building blocks.

13. (New) The building block system of claim 6, wherein the exterior wall has an inner surface and an outer surface, wherein the outer surface comprises a decorative facade.

14. (New) The building block system of claim 6, wherein at least one side opening is formed within the side wall of the building block for housing an insulation material and restricting the transfer of heat and cold.

15. (New) The building block system of claim 6, wherein at least one precast receptacle opening is formed as part of the interior wall of the building block to allow for the installation of utility outlets, electrical receptacles and built-in products.

16. (New) The building block system of claim 6, wherein a plurality of bolts are precast into and are attached to a top surface of the exterior wall for attaching a structural member thereto, wherein the structural member attaches a roof to the building block.

17. (New) The building block system of claim 7, wherein the insulation material is located in the hollow space of the building block.

18. (New) The building block system of claim 17, wherein the insulation is made from an expanded polystyrene material.

19. (New) The building block system of claim 6, wherein the building blocks are comprised of a concrete material, and wherein reinforcement steel is located within each of the exterior wall, the interior wall and the at least one side wall.

20. (New) The building block system of claim 6, wherein the at least one side wall comprises two side walls, and wherein an opening is precast in each side wall of the building block to thereby route utility wires and lines therethrough.

21. (New) The building block system of claim 6, wherein the system further comprises a corner block that is attachable to at least one of the building blocks thereby forming a substantial right angle of the construct.

22. (New) The building block system of claim 6, wherein the system further comprises a decorative entablature building block that is attachable to a top surface of each building block.

23. (New) The building block system of claim 6, wherein each of the plurality of blocks comprises a height measurement, a width measurement, and a depth measurement, wherein the height measurement is at least one story.

24. (New) The building block system of claim 23, wherein the height measurement is about six times the depth measurement.

25. (New) The building block system of claim 6, wherein each of the plurality of blocks comprises a height measurement, a width measurement, and a depth measurement, wherein each block comprises a ratio of the width measurement to the height measurement that is about 0.888.

26. (New) The building block system of claim 6, wherein each of the plurality of blocks comprises a height measurement, a width measurement, and a depth measurement, wherein each block comprises a ratio of the depth measurement to the height measurement that is about 0.167.

27. (New) The building block system of claim 6, wherein each of the plurality of blocks comprises a height measurement, a width measurement, and a depth measurement, wherein each block comprises a ratio of the depth measurement to the width measurement that is about 0.1875.

28. (New) A building block system comprising:
a plurality of building blocks attachable to one another to form at least a portion of a construct;

wherein each building block comprises:

an exterior wall having an inner surface and an outer surface;

an interior wall having an inner surface and an outer surface;

at least one side wall having an inner surface, an outer surface and a top surface;

wherein the interior wall is connected to the exterior wall by the at least one side wall;

a hollow space defined by the inner surface of the exterior wall, the inner surface of the interior wall, and the inner surface of the at least one side wall for receiving an insulation material therein; and

a plurality of weld plates strategically attached to each building block for attaching one building block to another building block;

wherein a first weld plate is attached to the top surface of the at least one side wall and a second weld plate is attached to the outer surface of said at least one side wall;

wherein at least one of the weld plates of a first building block is attached to at least one of the weld plates of a second building block resulting in a completed wall construct requiring no additional framework, material or process to form a finished wall construct.

29. (New) The building block system of claim 28, wherein at least one precast opening is formed through the exterior wall and the interior wall for receiving at least one structural member therein.

30. (New) The building block system of claim 28, wherein the exterior wall and the interior wall of each building block

both comprise an upper portion and a lower portion; and wherein at least one weld plate is located on both the upper portion and the lower portion of the inner surface of both the exterior wall and the interior wall, such that the upper weld plate located on the inner surface of the exterior wall and the upper weld plate located on the inner surface of the interior wall of a first building block are attachable to the lower weld plate located on the inner surface of the exterior wall and the lower weld plate located on the inner surface of the interior wall of a second building block, respectively, when the second building block is stacked on top of the first building block.

31. (New) The building block system of claim 30, wherein the interior wall of the second building block comprises a top and a bottom, wherein at least one cutout is formed through the bottom of the interior wall of said second building block, thereby providing access to at least one of the weld plates located on the inner surface of one of the interior wall and the exterior wall of the building blocks once said second building block is placed on top of the first building block in order to attach said second building block to said first building block.

32. (New) The building block system of claim 28, wherein at least a first weld plate is located on the top surface of the

side wall and at least a second weld plate is located on the outer surface of the side wall, such that two adjacent building blocks are attachable in a side-by-side manner.

33. (New) The building block system of claim 32, wherein the first weld plate and the second weld plate of a first building block are weldable to the first weld plate and the second weld plate of a second building block, respectively, for attaching said first building block to said second building block in a side-by-side manner.

34. (New) The building block system of claim 28, wherein a corner is formed where the at least one side wall contacts the exterior wall and the interior wall, and wherein a beveled edge is formed at each corner; and wherein two adjacent building blocks are aligned in side-by-side engagement, such that a junction is created by the engagement between adjacent beveled edges of a first building block and a second building block and a sealing material is receivable in the joint created by the two adjacent building blocks.

35. (New) The building block system of claim 28, wherein the outer surface of the exterior wall comprises a decorative facade.

36. (New) The building block system of claim 28, wherein at least one side opening is formed within the side wall of the building block for housing the insulation material and restricting the transfer of heat and cold.

37. (New) The building block system of claim 28, wherein at least one precast receptacle opening is formed as part of the interior wall of the building block to allow for the installation of utility outlets, electrical receptacles and built-in products.

38. (New) The building block system of claim 28, wherein a plurality of bolts are precast into and are attached to a top surface of the exterior wall for attaching a structural member thereto, wherein the structural member attaches a roof to the building block.

39. (New) The building block system of claim 28, wherein the insulation material is an expanded polystyrene material.

40. (New) The building block system of claim 28, wherein the building blocks are comprised of a concrete material, wherein reinforcement steel is located within each of the exterior wall, the interior wall and the at least one side wall.

41. (New) The building block system of claim 28, wherein the at least one side wall comprises two side walls, and wherein an opening is precast in each side wall of the building block to thereby route utility wires and lines therethrough.

42. (New) The building block system of claim 28, wherein the system further comprises a corner block that is attachable to at least one of the building blocks thereby forming a substantial right angle of the construct.

43. (New) The building block system of claim 28, wherein the system further comprises a decorative entablature building block that is attachable to a top surface of each building block.

44. (New) The building block system of claim 28, wherein each of the plurality of blocks comprises a height measurement that is at least one story.

45. (New) The building block system of claim 28, wherein each of the blocks comprises a webbing formed between the exterior wall and the interior wall and the webbing is substantially parallel to the side wall, and wherein the webbing contacts the inner surface of both the exterior wall and interior wall.

46. (New) A method of attaching a first building block to a second building block, comprising the steps of:

(a) providing a first building block having:

a first exterior wall, a first interior wall, and at least one first side wall, wherein each of the first walls comprises a first inner surface, a first outer surface, and a first top surface;

at least one first weld plate located on the first side wall;

(b) providing a second building block having:

a second exterior wall, a second interior wall, and at least one second side wall, wherein each of the second walls comprises a second inner surface, a second outer surface, and a second top surface;

at least one second weld plate located on the second side wall;

(c) aligning the first building block with the second building block, such that the first side wall and the second side wall are substantially flush with each other and the first weld plate and the second weld plate are adjacent each other; and

(d) welding a third weld plate to the first weld plate and to the second weld plate, to thereby attach the first building block to the second building block in a side-by-side manner.

47. (New) A building block system comprising:
a plurality of building blocks attachable to one another to
form at least a portion of a construct;
wherein each building block comprises:
an exterior wall having an inner surface, an outer
surface, and a top surface;
an interior wall having an inner surface, an outer
surface, and a top surface;
at least one side wall having an inner surface, an
outer surface and a top surface;
wherein the interior wall is connected to the exterior
wall by the at least one side wall;
a plurality of weld plates located strategically on
each building block for attaching one building block to
another building block; and
at least one precast opening formed through the
exterior wall and the interior wall for receiving at least
one structural member therein;
wherein the attachment of at least one of the building
blocks to another of the building blocks results in a completed
wall construct requiring no additional framework, material or
process to form a finished wall construct;
wherein each building block comprises a hollow space defined
by the inner surface of the exterior wall, the inner surface of

the interior wall, and the inner surface of the at least one side wall for receiving an insulation material therein;

wherein at least one weld plate is located on both an upper portion and a lower portion of the inner surface of both the exterior wall and the interior wall, such that the upper weld plate located on the inner surface of the exterior wall and the upper weld plate located on the inner surface of the interior wall of a first building block are attachable to the lower weld plate located on the inner surface of the exterior wall and the lower weld plate located on the inner surface of the interior wall of a second building block, respectively, when the second building block is stacked on top of the first building block;

wherein the interior wall of the second building block comprises a top and a bottom, wherein at least one cutout is formed through the bottom of the interior wall of the second building block, thereby providing a welder with access to at least one of the weld plates located on the inner surface of one of the interior wall and exterior wall of the building blocks once the second building block is placed on top of the first building block in order to attach the second building block to the first building block;

wherein at least a first weld plate is located on the top surface of the side wall and at least a second weld plate is

located on the outer surface of the side wall, such that two adjacent building blocks are attachable in a side-by-side manner;

wherein the first weld plate and the second weld plate of the first building block are weldable to the first weld plate and the second weld plate of a third building block, respectively, for attaching said first building block to said third building block in a side-by-side manner;

wherein a corner is formed where the at least one side wall contacts each of the exterior wall and interior wall;

wherein a beveled edge is formed at each corner;

wherein two adjacent building blocks are aligned in side-by-side engagement, such that a junction is created by the engagement between adjacent beveled edges of the first building block and the third building block and a sealing material is receivable in the joint created by the two adjacent building blocks;

wherein the exterior wall of each building block has a decorative facade;

wherein at least one side opening is formed within the side wall of the building block for housing the insulation material and restricting the transfer of heat and cold;

wherein at least one precast receptacle opening is formed as part of the interior wall of at least one of the building blocks

to allow for installation of utility outlets, electrical receptacles and built-in products;

wherein a plurality of bolts are precast into and are attached to the top surface of the exterior wall of the building blocks for attaching a structural member thereto, which will attach a roof to the building blocks;

wherein the insulation material is located in the hollow space of the building blocks;

wherein the insulation is made from an expanded polystyrene material;

wherein the building blocks are comprised of a concrete material;

wherein reinforcement steel is located within the exterior wall, the interior wall and the at least one side wall;

wherein an opening is precast in the side wall of the building blocks, to thereby route utility wires or lines therethrough;

wherein the system further comprises a corner block that is attachable to at least one of the building blocks thereby forming a substantial right angle of the construct; and

wherein the system further comprises a decorative entablature building block that is attachable to the top surface of the exterior wall of each building block.

48. (New) The building block of claim 1, wherein the building block has a height that is at least one story.

49. (New) The building block of claim 1, wherein the building block has a height that is at least nine feet tall.

50. (New) A method of constructing a building, comprising the steps of:

(a) attaching together a plurality of one-story high, one-piece building blocks, and thereafter interconnecting a floor to said plurality of building blocks and interconnecting a ceiling to said plurality of building blocks, such that each one-piece building block extends from said floor to said ceiling; and

(b) installing a door as part of said building, such that said door is interconnected to and resides between two of said plurality of one-story, one-piece building blocks.

51. (New) The method of claim 50, wherein step (a) further comprises the step of utilizing the plurality of one-story, one-piece building blocks whereby said building blocks include a finished exterior face, such that said finished exterior faces of said building blocks constitute a finished exterior of the building.

52. (New) The method of claim 50, wherein step (a) further comprises the step of utilizing the plurality of one-story, one-piece building blocks whereby said building blocks include a finished interior face, such that said finished interior faces of said building blocks constitute a finished interior of the building.